What is claimed is:

1. A diversity wireless device for providing diversity using a plurality of antennas comprising:

an antenna which is grounded (grounded antenna) and

an antenna which is not grounded (ungrounded antenna).

2. The diversity wireless device as described in Claim 1 wherein

a ground is placed in proximity to said ungrounded antenna and said ungrounded antenna is coupled to said ground via high-frequency waves.

3. The diversity wireless device as described in Claim 1 wherein

said device is structured so as to obtain an efficient diversity effect by maneuvering antenna directivity by changing at least one of an angle between said grounded antenna and said ungrounded antenna, and feeding points of said antennas.

4. The diversity wireless device as described in Claim 2 wherein

said device is structured so as to obtain an efficient diversity effect by maneuvering antenna directivity by changing at least one of an angle between said grounded antenna and said ungrounded antenna, and feeding points of said antennas.

5. A diversity wireless device for providing diversity using a plurality of ungrounded antennas wherein

a ground is placed in proximity to at least one of said ungrounded antennas and said ungrounded antenna is coupled to said

ground via high-frequency waves.

6. The diversity wireless device as described in Claim 5 wherein said device is structured so as to obtain an efficient diversity effect by maneuvering antenna directivity by changing at least one of an angle between said ungrounded antennas and feeding points thereof.

7. A diversity wireless device for providing diversity using a plurality of antennas wherein

at least one ungrounded antenna is provided, a ground is placed partly surrounding said ungrounded antenna, and said ungrounded antenna and said ground are coupled to each other via high-frequency waves.

8. The diversity wireless device as described in Claim 7 wherein said ground is composed of a plurality of laminated layers and is placed so as to partly surround said ungrounded antenna three-dimensionally, and said ungrounded antenna and said ground are coupled to each other via high-frequency waves.

9. A wireless terminal unit having an antenna element, said antenna element including:

(a) a substrate;

(b) a first conductor section substantially in parallel to said substrate; and

(c) a second conductor section successively formed from said first conductor section and angularly arranged relative to said

substrate.

10. The wireless terminal unit as described in Claim 9 wherein

said first conductor section has a feed terminal; and

said second conductor section is structured so as to be inclined in the direction away from said feed terminal, said inclination being such that the space between said second conductor section and said substrate reduces in the direction away from said feed terminal.

11. The wireless terminal unit as described in Claim 10 wherein

said unit is structured to have two said antenna elements and provide diversity using said two antenna elements, and said elements are configured substantially laterally symmetrical with respect to a longitudinal axis of the unit.

12. The wireless terminal unit as described in Claim 10 comprising:

at least two said antenna elements provided in said unit and a connector with a switch for connecting to an external antenna

wherein said unit is structured so as to switch one of said internal antenna elements in said unit to said external antenna and to provide diversity using said external antenna and the other internal antenna element when said external antenna is connected to said connector.

13. The wireless terminal unit as described in Claim 11 wherein

said antenna elements are ungrounded, a ground is placed in proximity to at least one of said ungrounded antenna

elements, and said ungrounded antenna is coupled to said ground via high-frequency waves.

14. The wireless terminal unit as described in Claim 12 wherein said antenna elements are ungrounded, a ground is placed in proximity to at least one of said ungrounded antenna elements, and said ungrounded antenna is coupled to said ground via high-frequency waves.